

# **EPA Jacket 91813-27**

## **Vol.1**

# LAMBDA-CYHALOTHRIN TECHNICAL

For Manufacturing Use Only in Formulating Insecticides.

## ACTIVE INGREDIENT

Lambda-cyhalothrin .....	95.30%
INERT INGREDIENTS .....	4.70%
TOTAL .....	100.00%

## KEEP OUT OF REACH OF CHILDREN

### WARNING/AVISO

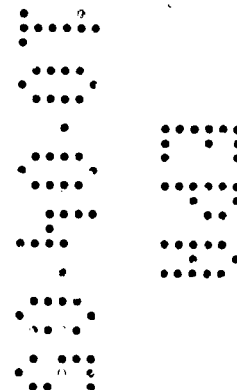
Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

FIRST AID	
If swallowed	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
If on skin or clothing	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
If in eyes	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
If inhaled	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency medical treatment, contact the National Pesticide Information Center 1-800-8587378.	

**FOR CHEMICAL EMERGENCY: spill, leak, fire, exposure, or accident call  
CHEMTREC 1-800-424-9300**

Manufactured for:  
United Phosphorus, Inc.  
423 Riverview Plaza  
Trenton, NJ 08611  
1-800-247-1557 • [www.upi-usa.com](http://www.upi-usa.com)

EPA Reg. No. 70506-  
EPA Est. No.  
Net Contents:



## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS & DOMESTIC ANIMALS

**WARNING:** May be fatal if swallowed or inhaled. Harmful if absorbed through skin. Causes moderate eye injury. Avoid contact with eyes, skin, or clothing. Wear protective clothing, goggles or full face shield and rubber gloves. Do not breathe vapors. Wear mask or respirator jointly approved by the Mining Enforcement and Safety Administration and the National Institute for Occupational Safety and Health. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash before reuse.

### ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish.

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the Environmental Protection Agency.

### PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Only for formulation into an insecticide, for the following uses:

(1) **Terrestrial and Aquatic Food:** Alfalfa; Brassica (head and stem); Canola; Corn (field, pop, seed and sweet); Cotton; Fruiting Vegetable Group (except Cucurbits); Garlic; Legume Vegetable Group; Lettuce (head and leaf); Onion (dry bulb); Peanuts; Pome Fruits Group; rice; Sorghum; Stone Fruit Group; Sugarcane; Sunflower; Tree Nut Group; Triticale and Wheat.

**Terrestrial Nonfood:** non-crop lands (excluding public land); Tobacco (burley and flue-cured).

**Forestry:** Conifer and Deciduous trees (plantations, nurseries and seed orchards)

**Domestic Indoor and Outdoor**

**Non-Domestic Indoor and Outdoor**

**Nonfood Greenhouses and Nurseries**

(2) Uses for which U.S. EPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration; and

(3) Uses for experimental purposes that are in compliance with U.S. EPA requirements.

This product may be used to formulate products for specific use(s) not listed on the label if the formulator, user group, or grower has complied with U.S. EPA submission requirements regarding support of such use(s).

#### **STORAGE AND DISPOSAL**

**PROHIBITIONS:** Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Open dumping is prohibited.

**PESTICIDE STORAGE:** Keep container closed when not in use. Store in cool, dry place. Store in original container and out of reach of children, preferably in a locked storage area. In case of spill or leak on floor or paved surfaces, soak up with sand, earth, or synthetic absorbent. Remove to chemical waste area.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide Environmental Control Agency, or the Hazardous Waste Representative of the nearest EPA Regional Office for guidance.

#### **CONTAINER DISPOSAL**

**Plastic Containers:** Triple rinse (or equivalent); then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by incineration or, if allowed by State and Local authorities, by burning. If burned, stay out of smoke.

### **LIMITED WARRANTY**

#### **WARRANTY LIMITATIONS AND DISCLAIMER**

United Phosphorus, Inc. (UPI) warrants that at the time of delivery, the product will conform to its chemical description on the label, that it will pass without objection in the trade under the contract description, that seller will convey good title thereto, and that such product will be delivered free from any lawful security interest, lien or encumbrance.

This is the only warranty made on this product. UPI EXPRESSLY DISCLAIMS ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND, EXCEPT AS SET FORTH IN THE ABOVE PARAGRAPH, ANY OTHER EXPRESS OR IMPLIED WARRANTIES. Buyer acknowledges the use of its own independent skill and expertise in the selection and use of the product and does not rely on any oral or written statements or representations.

**Draft 9-30-05**



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

October 6, 2005

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

PLEASE RETURN A COPY OF THIS LETTER WITH PAYMENT

OPP Decision Number: **D-361151**  
EPA File Symbol or Registration Number: **70506-RRI**  
Product Name: **LAMBDA-CYHALOTHRIN TECHNICAL INSECTICIDE**  
EPA Receipt Date: 04-Oct-2005  
EPA Company Number: 70506  
Company Name: UNITED PHOSPHORUS INC

ANN TILLMAN  
UNITED PHOSPHORUS INC  
423 RIVERVIEW PLAZA  
TRENTON, NJ 08611

SUBJECT: Receipt of Registration Application Subject to Registration Service Fee

Dear Registrant:

The Office of Pesticide Programs has received your application for registration. If you submitted data with this application, the results of the PRN-86-5 screen will be communicated separately. During the administrative screen, the Office of Pesticide Programs has determined that this Action is subject to a Pesticide Registration Service Fee as defined in the Pesticide Registration Improvement Act.

The Action has been identified as Action Code: **R31**

NEW PRODUCT; NON-FAST TRACK (INCLUDES REVIEWS OF PRODUCT  
CHEMISTRY; ACUTE TOXICITY; PUBLIC HEALTH PEST EFFICACY);

Please remit payment in the amount of: \$ 4,200 to:

By USPS:  
USEPA Washington Finance Center  
Pesticide Registration Service Fee  
PO Box 360277  
Pittsburgh, PA 15251

By Courier:

U.S. EPA Washington Finance Center  
Pesticide Registration Service Fee  
C/O Mellon Client Service Center  
500 Ross Street, Room 670  
Box 360277  
Pittsburgh, PA 15251-6277  
Attn: EPA Module Supervisor  
Telephone: (412) 236-2294

All payments must be in United States currency by check, bank draft, or money order drawn to the order of the Environmental Protection Agency. To ensure proper credit, please write the OPP DECISION NUMBER on your check, and enclose a copy of this letter with your payment.

You may be eligible for a full or partial waiver of the registration service fee if, for example, you qualify as a small business or are applying for a minor use, or if your application is solely associated with an IR-4 tolerance petition. Please be advised that if you intend to request a waiver, you must do so in writing within 15 days of receipt of this invoice instead of remitting the amount indicated above. OPP will not consider waiver requests after the registration service fee has been paid. Information regarding eligibility and how to request and document a fee waiver is available on the OPP Fee for Service web site at [www.epa.gov/pesticides/fees](http://www.epa.gov/pesticides/fees).

Please send Registration Service Fee Waiver requests to:

By USPS:

Document Processing Desk (WAIVER)  
Office of Pesticide Programs (7504C)  
U.S. Environmental Protection Agency  
1200 Pennsylvania Ave NW  
Washington, DC 20460

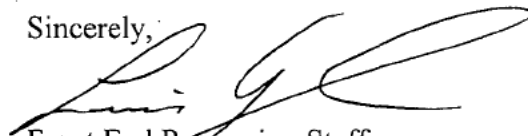
By Courier:

Document Processing Desk (WAIVER)  
Office of Pesticide Programs (7504C)  
U.S. Environmental Protection Agency  
Room 266A, Crystal Mall #2  
1801 S. Bell St.  
Arlington, VA 22202

A PRIA decision time review period will not start until a fee waiver is granted and/or the Agency receives certification that the outstanding fee has been paid. If the Agency does not receive certification of payment for this action or a fee waiver request within the next 45 days, the Agency will presume that you no longer want to pursue this action. The Agency will then initiate a process that may result in administrative withdrawal of this action.

If you have any questions, please contact the Pesticide Registration Service Fee Ombudsman at (703) 305-6249.

Sincerely,



Front End Processing Staff  
Information Technology & Resources Management Division

## Fee for Service



This package includes the following

- ☒ New Registration
- ☐ Amendment

☐ Studies?      ☐ Fee Waiver?

☐ volpay    % Reduction: \_\_\_\_\_

for Division

- ☐ AD
- ☐ BPPD
- ☒ RD

Risk Mgr. 13

Receipt No.

S- 785096

EPA File Symbol/Reg. No.

70506-RR1

Pin-Punch Date:

10/4/05

☐ This item is NOT subject to FFS action.

### Action Code:

Requested:

R-31

Granted:

R-31

Amount Due: \$ 4,200<sup>00</sup>

### Parent/Child Decisions:

Reviewer:

J. Miller

Date:

10-6-05

Remarks:

New technical, citing prod. chem. & acute tox data. Going cite-all option (generic data) with selective -



## United Phosphorus, Inc.

423 Riverview Plaza  
Trenton, NJ 08611  
(609) 392-8200 (phone)  
(609) 392-0808 (fax)

Ann M. Tillman  
Technical Director

October 3, 2005

Document Processing Desk (APPL)  
Office of Pesticide Programs  
U.S. Environmental Protection Agency  
Room 266A, Crystal Mall #2  
1801 Bell Street  
Arlington, VA 22202

Attn: G. Larocca, PM 13

**Re: United Phosphorus, Inc. – Lambda-Cyhalothrin Technical  
(EPA File Symbol 70506- )  
Me-Too Application for New Pesticide Registration**

United Phosphorus, Inc. (UPI) is submitting an application for a registration of its Lambda-Cyhalothrin Technical. This product is substantially similar to the already registered product EPA Reg. No. 100-1013.

Enclosed with this letter, please find the following items:

1. Application for Pesticide Registration (EPA Form 8570-1).
2. Confidential Statement of Formula (EPA Form 8570-4) dated September 30, 2005.
3. Data matrix forms - Agency Use and Public File copies (EPA Form 8570-35) dated October 3, 2005.
4. Certification with Respect to citation of Data (EPA form 8570-34)
5. Five (5) copies of the proposed container labeling.
6. A list of previously submitted studies in support of this application.

This action should fall within the PRIA category R31, "New product, Non Fast track" with a PRIA fee of \$4,200. I can be contacted by email at [atillman@upi-usa.com](mailto:atillman@upi-usa.com).

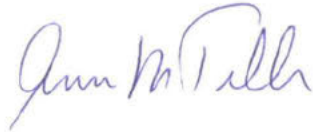
Please note that we are relying upon the cite-all method to satisfy data requirements other than product specific product chemistry data. Data were submitted with a previous submission (submitted July 16, 2004, Decision Number D-346526, File Symbol 70506-TN) for registration for UPI's Lambda-Cyhalothrin Technical but a request was submitted to withdraw that submission without prejudice. *The previously submitted data are being*



*used to support this application for registration. No new data are required to support this registration action.*

Please let me know if you have any questions about this application or if any additional information is needed.

Sincerely,



Ann M. Tillman  
Technical Director  
United Phosphorus, Inc.

Enclosures



	United States	<b>Registration</b>  <b>Amendment</b>  <b>Other</b>	OPP Identifier Number	
	<b>Environmental Protection Agency</b>			<b>274906</b>
	Washington, DC 20460			

**Application for Pesticide - Section I**

1. Company/Product Number United Phosphorus, Inc./70506- <i>RRI</i>	2. EPA Product Manager George LaRocca	3. Proposed Classification  X None <input type="checkbox"/> Restricted
4. Company/Product (Name) United Phosphorus, Inc./Lambda-Cyhalothrin Technical Insecticide	PM# 13	
5. Name and Address of Applicant (Include Zip Code)  United Phosphorus, Inc. 423 Riverview Plaza Trenton, NJ 08611 <input type="checkbox"/> Check if this is a new address	6. <b>Expedited Review.</b> In accordance with FIFRA Section 3(c)(3) (b)(I), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ 100-1013 _____ Product Name <u>Lambda-Cyhalothrin Technical</u>	

**Section - II**

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input checked="" type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.


**Explanation:** Use additional page(s) if necessary. (For Section I and Section II.)

Application for registration of me-too product. R31, New product, Non Fast Track (\$4200 fee).

**Section - III**

1. <b>Material This Product Will Be Packaged In:</b>				2. <b>Type of Container</b>	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input checked="" type="checkbox"/> Other (Specify) Cardboard drum with double liner made of HDPE		
* <b>Certification must be submitted</b>		If "Yes" Unit Packaging wgt. _____ No. per container _____	If "Yes" Package wgt. _____ No. per container _____		
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 50 kg.		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input checked="" type="checkbox"/> Other <u>adhesive-backed label</u>			

**Section - IV**

1. <b>Contact Point</b> (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Rebecca A. Clemmer	Title Regulatory Affairs Manager	Telephone No. (Include Area Code) 609-392-8200 x18
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received  (Stamped)
2. Signature 	3. Title Regulatory Affairs Manager	
4. Typed Name Ann M. Tillman	5. Date Oct. 3, 2005	



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.

WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instruction and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington DC 20460. Do not send the form to this address.

## DATA MATRIX

Date: October 3, 2005	EPA Reg No./ File Symbol 70506-	Page 1 of 1
Applicant's/Registrant's Name and Address: United Phosphorus, Inc. 423 Riverview Plaza Trenton, NJ 08611	Product: Lambda Cyhalothrin Technical	
Ingredient: Lambda Cyhalothrin (PC 128897)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
<b>PRODUCT SPECIFIC</b>					
830.1550, 830.1600, 830.1650, 830.1670	Product identity, composition/Description of materials Used to Produce the Product/Description of Formulation Process/Discussion of Formation of Impurities	46322401	UPI	Own	See footnote 1
830.1750	Certification of Limits	46322401	UPI	Own	
Series 63	Physical/chemical properties	46322402	UPI	Own	
870.1100	Acute oral toxicity – rat	46322404	UPI	Own	
870.1200	Acute dermal toxicity – rat	46322405	UPI	Own	
870.1300	Acute inhalation toxicity – rat	40994701	Zeneca.	PAY	
870.2400	Eye irritation	46322407	UPI	Own	
870.2500	Skin irritation	46322406	UPI	Own	
870.2600	Skin sensitization	00154866	Coopers	OLD	
<b>GENERIC DATA</b>					
CITE ALL		CITE ALL	Syngenta Crop Protection, Inc., Whitmire Micro-Gen Research Labs Inc., Schering-Plough Animal Health Corp., Chemisco, Makhteshim Chemical Works, Makhteshim-Agan North America, Drexel Chemical Co., Chattam, Inc., Control Solutions Inc.,	Pay	

Signature 	Name and Title Ann M. Tillman, Technical Director	Date Oct. 3, 2005
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## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.

WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060



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## DATA MATRIX

Date: October 3, 2005	EPA Reg No./ File Symbol 70506-	Page 1 of 1
Applicant's/Registrant's Name and Address: United Phosphorus, Inc. 423 Riverview Plaza Trenton, NJ 08611	Product: Lambda Cyhalothrin Technical	
Ingredient: Lambda Cyhalothrin (PC 128897)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
PRODUCT SPECIFIC					
			UPI	Own	See footnote 1
			UPI	Own	
			UPI	Own	
			UPI	Own	
			UPI	Own	
			Zeneca.	PAY	
			UPI	Own	
			UPI	Own	
			Coopers	OLD	
GENERIC DATA					
			Syngenta Crop Protection, Inc., Whitmire Micro-Gen Research Labs Inc., Schering-Plough Animal Health Corp., Chemisco, Makhteshim Chemical Works, Makhteshim-Agan North America, Drexel Chemical Co., Chattam, Inc., Control Solutions Inc.,	Pay	

Signature 	Name and Title Ann M. Tillman, Technical Director	Date Oct. 3, 2005
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
1200 Pennsylvania Avenue, N.W.  
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 1.25 hours per response for registration and 0.25 hours per response for re-registration and special review activities, including time for reviewing the instructions and completing the necessary forms. Send comments regarding burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, Collection Strategies Division (2822T), U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, N.W., Washington, DC 20460. Do not send the completed form to this address.

Certification with Respect to Citation of Data

Applicants/Registrants Name, Address, and Telephone Number United Phosphorus, Inc. 423 Riverview Plaza Trenton, NJ 08611	EPA Registration Number/File Symbol 70506-
Active Ingredient(s) and/or representative test compound(s) Lambda-Cyhalothrin	Date Oct. 3, 2005
General Use Pattern(s) (list all those claimed for this product using 40 CFR Part 158) Terrestrial and Aquatic Food, Terrestrial nonfood, Forestry, Domestic Indoor and Outdoor, Non-Domestic Indoor and Outdoor, Nonfood Greenhouse and Nursery	Product Name Lambda-Cyhalothrin Technical

NOTE: If your product is a 100% repackaging of another purchased EPA-registered product labeled for all the same uses on your label, you do not need to submit this form. You must submit the Formulators Exemption Statement (EPA Form 8570-27).

☐ I am responding to a Data-Call-In Notice, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

SECTION I: METHOD OF DATA SUPPORT (Check one method only)

☐ I am using the cite-all method of support, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

☒ I am using the selective method of support (cite-alloption under the selective method), and have included with this form a completed list of data requirements (the Data Matrix form must be used).

SECTION II: GENERAL OFFER TO PAY

Required if using the cite-all method or when using the cite-alloption under the selective method to satisfy one or more data requirements

☒ I hereby offer and agree to pay compensation, to other persons, with regard to the approval of this application, to the extent required by FIFRA.

SECTION III: CERTIFICATION

I certify that this application for registration, this form for re-registration, or this Data-Call-In response is supported by all data submitted or cited in the application for registration, the form for re-registration, or the Data-Call-In response. In addition, if the cite-alloption or cite-alloption under the selective method is indicated in Section I, this application is supported by all data in the Agency's files that (1) concern the properties or effects of this product or an identical or substantially similar product, or one or more of the ingredients in this product; and (2) is a type of data that would be required to be submitted under the data requirements in effect on the date of approval of this application if the application sought the initial registration of a product of identical or similar composition and uses.

I certify that for each exclusive use study cited in support of this registration or re-registration, that I am the original data submitter or that I have obtained the written permission of the original data submitter to cite that study.

I certify that for each study cited in support of this registration or re-registration that is not an exclusive use study, either: (a) I am the original data submitter; (b) I have obtained the permission of the original data submitter to use the study in support of this application; (c) all periods of eligibility for compensation have expired for the study; (d) the study is in the public literature; or (e) I have notified in writing the company that submitted the study and have offered (i) to pay compensation to the extent required by sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA; and (ii) to commence negotiations to determine the amount and terms of compensation, if any, to be paid for the use of the study.

I certify that in all instances where an offer of compensation is required, copies of all offers to pay compensation and evidence of their delivery in accordance with sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA are available and will be submitted to the Agency upon request. Should I fail to produce such evidence to the Agency upon request, I understand that the Agency may initiate action to deny, cancel or suspend the registration of my product in conformity with FIFRA.

I certify that the statements I have made on this form and all attachments to it are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or in prison or both under applicable law.

Signature 	Date Oct. 3, 2005	Typed or Printed Name and Title Ann M. Tillman, Technical Director
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## STUDIES ON FILE SUPPORTING APPLICATION FOR REGISTRATION

### Submitter

United Phosphorus, Inc  
423 Riverview Plaza  
Trenton, NJ 08611

### Company Number

70506

### Regulatory action in support of which this package is submitted

New Product Registration ("Me-Too"), Lambda-Cyhalothrin Technical Insecticide

### Original Transmittal Date

July 15, 2004

MRID	Submitted Studies
46322401	Tillman, A. Feb. 11, 2004. Lambda-Cyhalothrin Technical Insecticide. Product Identity, Composition and Analysis (Group A). Guideline Nos. 830.1550, 830.1600, 830.1620, 830.1670, 830.1700, 830.1750, 830.1800. United Phosphorus, Inc. Report No. UPI-2003-14. 246 pages. Contains Confidential Business Information.
46322402	Tillman, A. Feb. 10, 2004. Lambda-Cyhalothrin Technical Insecticide. Compilation Report: Physical/Chemical Properties. Guideline Nos. 830.6302, 830.6303, 830.6304, 830.6313, 830.6314, 830.6315, 830.6316, 830.6319, 830.6320, 830.6321, 830.6317/6320, 830.7000, 830.7050, 830.7200, 830.7300, 830.7370. United Phosphorus Inc. Report No. UPI-2003-15. 252 pages.
46322403	Tillman, A. July 12, 2004. Lambda-Cyhalothrin Technical Summary and Interpretation of Acute Toxicity Studies For Hazard Classification. Report No. UPI-2003-16. 5 pages.
46322404	Rana, M. D. September 10, 2003. Acute Oral Toxicity of Lambda-Cyhalothrin in Rats. Guideline No. 870.1100. Report No. 4353. 25 pages.
46322405	Rana, M. D. September 25, 2003. Acute Dermal Toxicity of Lambda-Cyhalothrin in Rats. Guideline No. 870.1200. Report No. 4354. 26 pages.
46322406	Mukherjee, A. September 3, 2003. Acute Dermal Irritation of Lambda-Cyhalothrin in Rabbits. Guideline No. 870.2500. Report No. 4355. 22 pages.
46322407	Mukherjee, A. September 3, 2003. Acute Eye Irritation of Lambda-Cyhalothrin in Rabbits. Guideline No. 870.2400. Report No. 4356. 25 pages.

